IN THE CLAIMS:

Please amend the claims as shown below. The claims, as currently pending in the subject application, now read as follows:

1. (Withdrawn) A moving image processing method, comprising:

a first generation step of generating division information required to divide a moving image on the basis of each of a plurality of items of data which indicate states upon sensing the moving image;

a registration step of registering the division information, which is generated in the first generation step and corresponds to each of the plurality of items, in correspondence with the moving image data, so as to be able to be read out for each item; and

a second generation step of integrating one or a plurality of pieces of division information corresponding to one or a plurality of items selected from the plurality of items and generating integrated division information corresponding to a combination of the items.

2. (Withdrawn) The method according to claim 1, further comprising a holding step of holding a plurality of pieces of integrated division information, which are generated in correspondence with a plurality of combinations of different types of items in the second generation step, in correspondence with identification information used to identify the combinations.

3. (Withdrawn) A moving image processing method for processing moving image data for which a plurality of pieces of division information required to divide a moving image on the basis of each of a plurality of items of data which indicate states upon sensing the moving image, so as to be able to be read out for each item, comprising:

a first generation step of defining an item group formed of one or a plurality of items selected from the plurality of items, and generating integrated division information corresponding to the item group by integrating one or a plurality of pieces of division information corresponding to the items which belong to the item group; and

a holding step of holding a plurality of pieces of integrated division information, which are generated in the first generation step for a plurality of different item groups, in correspondence with the moving image data.

4. (Withdrawn) The method according to claim 3, further comprising a recording step of recording the integrated division information on a recording medium in correspondence with the moving image data.

5. (Withdrawn) The method according to claim 3, further comprising a registration step of registering representative images which represent respective intervals obtained upon dividing the moving image data based on integrated division information corresponding to each of the plurality of different item groups.

6. (Withdrawn) The method according to claim 5, further comprising: a designation step of designating a desired item group of the plurality of different item groups; and

a display step of displaying the representative images registered in correspondence with the item group designated in the designation step.

7. (Withdrawn) The method according to claim 6, further comprising an execution step of executing a predetermined process for an interval of moving image data which is designated using a representative image displayed in the display step and corresponds to that representative image.

8. (Withdrawn) The method according to claim 3, wherein the item group includes one of an environment upon sensing an image, a sensed subject, a subject size upon sensing an image, and an effect applied to a moving image.

9. (Withdrawn) A moving image processing apparatus comprising:

first generation unit adapted to generate division information required to divide a moving image on the basis of each of a plurality of items of data which indicate states upon sensing the moving image;

registration unit adapted to register the division information, which is generated by said first generation unit and corresponds to each of the plurality of items, in correspondence with the moving image data, so as to be able to be read out for each item; and

second generation unit adapted to integrate one or a plurality of pieces of division information corresponding to one or a plurality of items selected from the plurality of items and generating integrated division information corresponding to a combination of the items.

10. (Withdrawn) A computer readable recording medium recording a control program which makes a computer execute a moving image processing method of claim 1.

11. (Withdrawn) A control program for making a computer execute a moving image processing method of claim 1.

12. (Currently Amended) A moving image processing method for ~~processing moving image data for which a plurality of pieces of division information required to divide~~ <u>dividing</u> a moving image on the basis of ~~each of~~ a plurality of items of <u>additional</u> data which indicate states upon sensing the moving image, ~~so as to be~~ <u>wherein the additional data is added to the moving image and is</u> able to be read out for each item <u>from the moving image</u>, comprising:

a generation step of defining an item group formed of one or a plurality of items selected from the plurality of items, and generating ~~integrated~~ division information corresponding to the item group ~~by integrating one or a plurality of pieces of division information corresponding to~~ <u>on the basis of the additional data of</u> the items which belong to the item group;

a hierarchization step of <u>hierarchizing a plurality of division information generated for each item group, and of</u> adding division positions based on ~~integrated~~ division information of an upper layer to division positions of ~~integrated~~ division information of a lower layer<u>, wherein the plurality of division information is hierarchized and the division positions are added in a case that the plurality of division information is generated in the generation step in correspondence with a plurality of item groups</u> ~~in accordance with a hierarchical order of a plurality of pieces of integrated division information, which are generated in the generation step in correspondence with a plurality of different item groups~~; and

a holding step of holding the ~~integrated~~ division information obtained in the hierarchization step in correspondence with the moving image data.

13. (Currently Amended) The method according to claim 12, further comprising a setting step of setting the hierarchical order of the plurality of pieces of ~~integrated~~ division information on the basis of division counts of the ~~integrated~~ division information.

14. (Currently Amended) The method according to claim 13, wherein the setting step includes a step of setting ~~integrated~~ division information with a smaller division count to have a higher hierarchical order.

15. (Currently Amended) The method according to claim 12, wherein the hierarchical order of the plurality of pieces of ~~integrated~~ division information is set according to a hierarchical order which is set in advance for respective item groups.

16. (Currently Amended) The method according to claim 12, further comprising a designation step of designating the hierarchical order of the plurality of pieces of ~~integrated~~ division information.

17. (Currently Amended) The method according to claim 12, further comprising:

a <u>representative image generation</u> ~~holding~~ step of generating and holding representative images which represent respective intervals of a moving image that are specified by ~~integrated~~ division information of respective layers obtained in the hierarchization step; and

a display step of displaying, when one interval of one layer is designated, representative images of intervals included in the designated interval in a layer lower than <u>the one</u> ~~that~~ layer.

18. (Original) The method according to claim 17, further comprising an execution step of executing a predetermined process for an interval of a moving image, which corresponds to a representative image selected from the representative images displayed in the display step.

19. (Currently Amended) The method according to claim 12, further comprising a storage step of storing the ~~integrated~~ division information obtained in the hierarchization step in a storage medium in correspondence with the moving image data.

20. (Original) The method according to claim 12, wherein the item group includes one of an environment upon sensing an image, a sensed subject, a subject size upon sensing an image, and an effect applied to a moving image.

21. (Currently Amended) A moving image processing apparatus for ~~processing moving image data for which a plurality of pieces of division information required to divide~~ dividing a moving image on the basis of ~~each of~~ a plurality of items of additional data which indicate states upon sensing the moving image, ~~so as to be~~ wherein the additional data is added to the moving image and is able to be read out for each item from the moving image, comprising:

a generation unit constructed ~~adapted~~ to define an item group formed of one or a plurality of items selected from the plurality of items, and generating ~~integrated~~ division information corresponding to the item group ~~by integrating one or a plurality of~~ ~~pieces of division information corresponding to~~ on the basis of the additional data of the items which belong to the item group;

a hierarchization unit constructed ~~adapted~~ to hierarchize a plurality of division information generated for each item group, and constructed to add division positions based on ~~integrated~~ division information of an upper layer to division positions of ~~integrated~~ division information of a lower layer, wherein the plurality of division

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information is hierarchized and the division positions are added in a case that the plurality of division information is generated by the generation unit in correspondence with a plurality of item groups ~~in accordance with a hierarchical order of a plurality of pieces of integrated division information, which are generated by said generation unit in correspondence with a plurality of different item groups~~; and

a holding unit constructed ~~adapted~~ to hold the ~~integrated~~ division information obtained by said hierarchization unit in correspondence with the moving image data.

22. (Original) A computer readable recording medium recording a control program which makes a computer execute a moving image processing method of claim 12.

23. (Currently Amended) A computer-executable control program stored on a computer-readable medium, for making a computer execute the [[a]] moving image processing method of claim 12.